WHAT IS CLAIMED IS:

1. A distance measurement and photometry sensor device, comprising:

first and second sensors arranged apart from each other in a first direction for receiving lights from the outside;

a photometry sensor arranged between the first and second sensors and adapted to receive the light from the outside; and

a signal processing unit including circuit portions for processing signals from the first and second sensors, wherein:

the first and second sensors, the photometry sensor, and the signal processing unit are formed in the form of the same semiconductor chip; and

the photometry sensor is arranged so as to be deviated from each of the first and second sensors by a predetermined distance and the circuit portions constituting the signal processing unit are arranged in a direction perpendicular to the first direction with respect to the first and second sensors.

2. A distance measurement and photometry sensor device, comprising:

first and second sensors arranged apart from each other in a first direction for receiving lights from the outside;

a signal processing unit including a photometry sensor arranged between the first and second sensors for receiving the light from the outside and circuit portions for processing signals from the first and second sensors;

first and second optical systems for guiding the lights from the outside to the first and second sensors, respectively; and

a third optical system for guiding the light from the outside to the photometry sensor, wherein:

the first and second sensors, the photometry sensor, and the signal processing unit are formed in the form of the same semiconductor chip; and

the photometry sensor is arranged so as to be deviated from each of the first and second sensors by a predetermined distance, and the first and second optical systems and the third optical system are arranged so as to deviate optical axes of the first and second optical systems and an optical axis of the third optical system from each other in a direction perpendicular to the first direction by the predetermined distance.

3. A distance measurement and photometry sensor device according to claim 2, wherein the circuit portions constituting the signal processing unit are arranged in the direction perpendicular to the first

direction with respect to at least the first and second sensors of the first and second sensors, and the photometry sensor.

4. A distance measurement and photometry sensor device according to claim 2, wherein a focal length of each of the pair of first and second optical systems, and a focal length of the third optical system are made different from each other.

5. A distance measurement and photometry sensor device according to claim 4, wherein the pair of first and second optical systems are adapted to focus the lights from the outside on the first and second sensors, respectively, and the third optical system is adapted to condense the light from the outside on the photometry sensor.

6. A distance measurement and photometry sensor device, comprising:

first and second sensors arranged on the same semiconductor chip apart from each other by a predetermined base length for receiving lights from a subject;

a photometry sensor arranged between the first and second sensors on the semiconductor chip for receiving the light from the subject; and

first, second, and third optical units for focusing or condensing the lights from the subject on the first and second sensors and the photometry sensor, respectively,

wherein the pair of first and second sensors, and the photometry sensor are arranged so as to be offset in a direction perpendicular to a base length direction by a predetermined distance, and optical axes of the optical units correspond to the distance at which the first and second sensors, and the photometry sensor are offset.

7. A distance measurement and photometry sensor device according to claim 6, further comprising

a signal processing unit for converting signals from the first and second sensors into voltage signals, respectively, to process the resultant voltage signals,

wherein a size of the photometry sensor in a direction perpendicular to the base length direction is made smaller than a size of each of the first and second sensors and the signal processing unit in the direction perpendicular to the base length direction.

8. A distance measurement and photometry sensor device according to claim 6, wherein focal lengths of the first, second, and third optical units for

focusing or condensing the lights from the subject on the first and second sensors and the photometry sensor, respectively, are made different from one another.

9. A distance measurement and photometry sensor device according to claim 8, wherein a focal length position of each of the first and second optical units corresponds to a position where the first and second sensors are arranged, and a focal length position of the third optical unit is before or after a position where the photometry sensor is arranged.